



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) Group Art Unit: N/A
Anthony Hooley) Examiner: N/A
Application No.: 09/848,752) INFORMATION DISCLOSURE
Filed: 4-18-2001) STATEMENT
For: DIGITAL PULSE-WIDTH-) 2600 Aramark Tower
MODULATION GENERATOR) 1101 Market Street
Philadelphia, PA 19107

The Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231, on May 23, 2001.

Denise Grisack
Denise Grisack

Sir:

Applicants submit herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) [] accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) [X] is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) [] as far as is known to the undersigned, is filed before the mailing date of a first Office action on the merits.
- (d) [] is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and

is accompanied by either the fee (\$230) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.

- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

- (f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- (g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of the items on PTO-1449 (Modified) is supplied herewith:

- (h) ☐ each (i) ☒ none (j) ☐ only those listed below:

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached form PTO-1449 (Modified) are not supplied because they were previously cited by or submitted to the Office in a prior application Serial No. 21,971, filed 9-30-1997 and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (k) ☐ not given
- (l) ☐ given for each listed item
- (m) ☒ given for only non-English language listed item(s)
[Required]
- (n) ☒ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

[X] The Commissioner is hereby authorized to charge Synnestvedt & Lechner's Deposit Account No. 19-5425 for any fees required in connection with the filing of this Information Disclosure Statement. **A duplicate copy of this Notice is enclosed for this purpose.** In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the

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above-named deposit account for any fees required
pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,
Synnestvedt & Lechner LLP

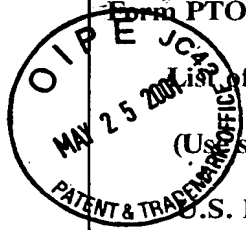
Dated: 5.23.01

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Attorney for Applicants



Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. 21,971 A	Application No. 09/848,752
	Applicant(s) Anthony Hooley	
	Filing Date 4-18-2001	Group N/A

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Name	Class	Subclass
	AA	*5,313,300	5-17-1994	Rabile	348	572
	AB	*4,330,691	5-18-1982	Gordon	179	146
	AC	*4,773,096	9-20-1988	Kirn	381	120
	AD	*5,051,799	9-24-1991	Paul et al.	375	25
	AE	*5,313,172	5-17-1994	Vagher	330	254
	AF	*3,996,561	12-7-1976	Kowal et al.	340	172.5
	AG	*5,287,531	2-15-1994	Rogers, Jr. et al	395	800
	AH	*5,832,097	11-3-1998	Armstrong	381	106
	AI	*4,515,997	5-7-1985	Stinger et al.	381	116
	AJ					

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document No.	Date	Country	Translation	
					Yes	No
	AL	DE 43 43 807 A1	29-6-1995	Germany		x
	AM	EPO 0 351 055 A1	17-01-1990	Great Britain	x	
	AN					
	AO					
	AP					

OTHER PUBLICATIONS (Including Author, Title, Date Pertinent Pages, Etc.)

	AQ	
	AR	
	AS	

Examiner	Date Considered
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